

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate

Number ST00365NY-D

This certificate issued to

PATS Aircraft, LLC.
21652 Nanticoke Avenue
Georgetown, DE 19947

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.

Original Product -- Type Certificate Number:

A21EA

Make:

Bombardier, Inc.

Model:

CL 600-2B19

Description of Type Design Change:

Configuration 1. Installation of a two tank Auxiliary Fuel System within the fuselage pressure vessel forward of the baggage compartment in accordance with PATS, Inc. Master Drawing List, Drawing No. RJA-1-001, Rev. D dated June 16, 1995.

(See continuation sheet 2)

Limitations and Conditions:

1. PATS, Inc. Airplane Flight Manual Supplement No. 1, Rev. A FAA approved December 31, 1997 is required with configurations 1 and 2.
2. PATS Aircraft, LLC. Airplane Flight Manual Supplement No. 200, Rev. B, FAA approved June 11, 2009, is required with configurations 5 and 6.
3. No Airplane Flight Manual Supplement is required for Configurations 3 and 4.

(See continuation sheets 2 & 3)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application : September 27, 1994

Date reissued : July 20, 2004

Date of issuance : August 24, 1995

Date amended : November 18, 1996, December 31, 1997,
January 17, 2006, August 04, 2006,
January 5, 2007, January 29, 2007, March 27, 2008,
June 11, 2009



By direction of the Administrator

David E. Warner
(Signature)

David E. Warner
DAS administrator
DAS-955292-NE

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

Number **ST00365NY-D**

Date of Amendment: June 11, 2009

Description of Type Design Change (Continued):

Configuration 2. Installation of a two tank Auxiliary Fuel System within the fuselage pressure vessel forward of the baggage compartment in accordance with PATS, Inc. Master Drawing List, Drawing No. RJA-1-001, Rev. F dated October 15, 1996, ADCN #31, dated October 17, 1996.

Configuration 3. Installation of structural provisions only, for a two (2) Cell Auxiliary Fuel System within the fuselage pressure vessel forward of the baggage compartment in accordance with PATS Aircraft, LLC. Master Drawing List No. RJA-1-002, Rev. A dated December 5, 2005.

Configuration 4. Installation of a Non-operative Two (2) Cell Auxiliary Fuel System within the fuselage pressure vessel forward of the baggage compartment in accordance with PATS Aircraft, LLC. Installation Master Drawing List RJA-1-004, Rev. A dated July 7, 2006.

Configuration 5. Installation of a two tank Auxiliary Fuel System within the fuselage pressure vessel forward of the baggage compartment in accordance with PATS Aircraft, LLC. Master Drawing List, Drawing No. RJA-I-003, Rev. E dated January 24, 2007 or the installation of Configuration 4 and incorporation of Service Bulletins ST00365NY-D-28-SB-008, Rev. IR dated January 17, 2007 and ST00365NY-D-28-SB-009, Rev. IR dated January 17, 2007.

Configuration 6. Installation of a two tank Auxiliary Fuel System within the fuselage pressure vessel forward of the baggage compartment in accordance with PATS Aircraft, LLC. Master Drawing List, Drawing No. 6000-0001-MDL, Rev. B dated March 16, 2009.

Limitations and Conditions (Continued):

4. Configurations 4 and 5 require Configuration 3, Installation of structural provisions, to be previously installed.

All Configurations:

1. PATS Aircraft, LLC. Aircraft Maintenance Manual Supplement No. 1, Report No. TO-417, Revision 4 dated January 18, 2008 with The Airworthiness Limitations Section approved June 11, 2009, is required for continued airworthiness of configurations 1, 2, 3, 4, 5 and 6.
2. The installer must determine whether this design is compatible with previously approved modifications.
3. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the person written evidence of that permission.

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Supplemental Type Certificate

(Continuation Sheet)

Number ST00365NY-D

Date of Amendment: June 11, 2009

Limitations and Conditions (Continued):

Configurations 5 & 6

1. This modification may not be installed after August 30, 2010 unless (1) previously approved electrical wiring interconnections system (EWIS) instructions for continued airworthiness (ICA) have been evaluated and determined to be adequate for these installations by the FAA, or (2) revised EWIS ICA have been approved by the FAA Oversight Office (Refer § 26.11).
2. This modification may not be installed after September 19, 2012 unless (1) the § 26.35(b) requirement for a flammability exposure analysis has been approved, (2) compliance with § 26.981 at Amendment 25-125, in accordance with the § 26.35(e), has been found for this STC, or (3) service instructions for design changes necessary to meet § 25.981 at Amendment 25-125 and associated airworthiness limitations have been approved for installations of this STC prior to September 19, 2012. Unless the STC is amended to remove this limitation after the accomplishment of the above tasks, the STC installer will need to have a letter from the FAA Oversight Office documenting compliance with these requirements in order to install this STC after September 19, 2012.
3. This modification may not be installed after December 11, 2009 unless the flammability exposure analysis required by 14 CFR 26.35 (b) has been FAA approved.

Certification Basis:

Configurations 5 & 6

1. Based on 14 CFR § 21.115 and § 21.101, and the FAA policy for changes that are not significant in FAA Order 8110.48, the certification basis for these modifications are as follows:
The existing type certification basis for Bombardier Inc.CL600-2B19 as shown on FAA type certificate data sheet A21EA with the following exceptions:

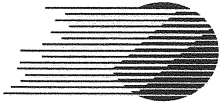
25.561 Amendment 25-64

25.981 Amendment 25-102 SFAR 88 Compliant

Part 26 regulations

Part 14 CFR para. 21.101(g), applicable provisions of 14 CFR Part 26 must be met.

...END...



DECRANE AEROSPACE
PATS Aircraft Completions

21652 Nanticoke Avenue
Georgetown, DE 19947 USA
Tel: 302.855.5888
Fax: 302.855.5801

June 11, 2009

Federal Aviation Administration – NYACO
Attention: Mr. Anthony Socias
Manager – NYACO
1600 Stewart Avenue
4th Floor, Suite 410
Westbury, NY 11590

Subject: STC ST00365NY-D Transmittal

Dear Mr. Socias,

In accordance with our DAS Manual procedures, I have issued Supplemental Type Certificate (STC) ST00365NY-D for installation of a Configuration 6 Auxiliary Fuel System in Bombardier CL 600-2B19 Aircraft (per DAS Project No. DAS-GED-P057).

Based upon my review of the data presented and results of the successful conformity inspections, I am issuing STC ST00365NY-D, date amended June 11, 2009, approving the installations.

Fabrication of parts under this STC shall be in accordance with Master Drawing List 6000-0005-MDL revision B dated June 8, 2009.

A copy of this STC must be maintained as part of the permanent records for the aircraft.

If you have any questions, please do not hesitate to contact me.

Sincerely,

David E. Warner
VP & Administrator of DAS-955292-NE

DEW/vg

Enclosure

Cc: M. Taylor & S. Coyne (QC), S. Etmanski, George Duckett - NYACO (OMT Lead), Doc. Control, DAS file, Project Book